

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 9401 | ((438/401,462) or (438/700,706, 710,719,723,724,745,756,757,690, 691,692) or (216/18,39)).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2005/04/28 15:25 |
| L3    | 210  | damascene\$4 AND (alignment\$4 WITH mark\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/04/28 15:26 |
| L4    | 141  | L3 AND (chemical\$4 WITH mechanical\$4 WITH polish\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/04/28 15:26 |
| L5    | 28   | L4 AND L1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/04/28 15:27 |
| S1    | 1    | ("6803668").PN.   | USPAT;<br>USOCR   | OR               | OFF     | 2005/04/26 13:21 |
| S2    | 2614 | damascene\$4 AND align\$4 AND (chemical\$4 WITH mechanical\$4 WITH polish\$4)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/04/26 15:49 |
| S3    | 1993 | S2 AND (di\$electric\$4 OR oxide\$4) AND (Cu OR copper\$4)                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/04/26 14:27 |
| S4    | 200  | S3 AND transparen\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/04/26 14:55 |
| S5    | 40   | S4 AND (align\$4 WITH mark\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/04/26 14:53 |

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| S6  | 133  | S4 AND optical\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/26 14:55 |
| S7  | 1573 | S3 AND (etch\$4 WITH(di\$electric\$4<br>OR oxide\$4))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/26 14:29 |
| S8  | 31   | S3 AND (etch\$4 WITH (di\$electric\$4<br>OR oxide\$4) WITH (raise\$4 OR<br>protrud\$4 OR project\$4)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/26 14:31 |
| S9  | 0    | ("6780775").URPN.   | USPAT   | OR | OFF | 2005/04/26 14:46 |
| S10 | 3    | ("6174737"   "6183614"  <br>"6346454").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/04/26 14:46 |
| S11 | 1258 | (align\$4 WITH mark\$4) AND<br>(chemical\$4 WITH mechanical\$4<br>WITH polish\$4)                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 08:04 |
| S12 | 542  | S11 AND (planar\$4 WITH<br>surface\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/26 14:55 |
| S13 | 303  | S11 AND (etch\$4 WITH<br>di\$1electric\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 10:46 |
| S14 | 113  | S13 AND transparen\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 08:04 |
| S15 | 74   | S14 AND optical\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/26 15:35 |

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| S16 | 17  | ("5972793").URPN.  | USPAT   | OR | OFF | 2005/04/26 15:26 |
| S17 | 2   | S16 AND S11  | USPAT   | OR | OFF | 2005/04/26 15:26 |
| S18 | 120 | S13 AND optical\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/26 15:35 |
| S19 | 28  | S18 AND damascene\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/26 15:36 |
| S20 | 208 | damascene\$4 AND (alignment\$4<br>WITH mark\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/27 14:01 |
| S21 | 140 | S20 AND (chemical\$4 WITH<br>mechanical\$4 WITH polish\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/26 15:50 |
| S22 | 9   | ("5264310"   "5264395"   "5503962"<br>  "5578519"   "5663099"  <br>"5733801"   "5783490"   "5858854"<br>  "5904563").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/04/26 16:45 |
| S23 | 0   | S22 AND damascene  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/04/26 16:45 |
| S24 | 15  | ("5783490").URPN.  | USPAT   | OR | OFF | 2005/04/26 17:45 |
| S25 | 12  | S24 AND (align\$4)   | USPAT   | OR | OFF | 2005/04/26 17:45 |
| S26 | 0   | S25 AND optical\$4 AND<br>damascene\$4   | USPAT   | OR | OFF | 2005/04/26 17:46 |
| S27 | 5   | S25 AND optical\$4   | USPAT   | OR | OFF | 2005/04/26 17:46 |
| S28 | 0   | S25 AND damascene\$4   | USPAT   | OR | OFF | 2005/04/26 17:46 |
| S29 | 11  | ("5904563").URPN.  | USPAT   | OR | OFF | 2005/04/27 08:26 |
| S30 | 5   | ("6020263").URPN.  | USPAT   | OR | OFF | 2005/04/27 09:15 |
| S31 | 208 | damascene\$4 AND (alignment\$4<br>WITH mark\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/27 14:01 |

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| S32 | 7    | S31 AND (diffract\$4 WITH grat\$4 WITH align\$4)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/27 14:01 |
| S33 | 5    | ("6020263").URPN.   | USPAT   | OR | OFF | 2005/04/28 08:02 |
| S34 | 1262 | (align\$4 WITH mark\$4) AND (chemical\$4 WITH mechanical\$4 WITH polish\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 08:04 |
| S35 | 303  | S34 AND (etch\$4 WITH di\$1electric\$4)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 08:04 |
| S36 | 34   | S35 AND (transparen\$4 WITH oxide\$4)                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 08:12 |
| S37 | 12   | S36 AND (transparen\$4 WITH (resist\$4 OR photo\$1resist\$4))               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 08:12 |
| S38 | 1262 | (align\$4 WITH mark\$4) AND (chemical\$4 WITH mechanical\$4 WITH polish\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 10:46 |
| S39 | 303  | S38 AND (etch\$4 WITH di\$1electric\$4)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 10:46 |
| S40 | 143  | S39 AND (nitrid\$4 WITH di\$1electric\$4)                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 11:00 |

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| S41 | 124 | S39 AND poly\$1silicon\$4          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 11:07 |
| S42 | 20  | S39 AND (diffract\$4 WITH grat\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 15:24 |